

## MARCH 1991

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5

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11/91  
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[illegible]

# From The STAFF

AURORA MAY "ROAR" AGAIN SOON...A reminder: auroral DX signal propagation is very likely this month. March--the month of the Vernal Equinox--is the usual high point of such activity. Those in Northern regions are most likely to get in on this unusual DX mode--but large openings have been detected well into southerly regions. If you have never had auroral DX before, expect the unexpected. It is often described as "spooky" and "weird" by those who have observed it, and almost always ties in with the display of "Northern Lights" (the aurora borealis) in the night sky, although the intensity of the visual display doesn't always seem to correlate with the scale and duration of the VHF DX conditions that accompany it. Look for odd telltale signs of auroral conditions as the event commences, such as poor shortwave conditions below 30 MHz, "watery" sounding signals, and sudden-starting E-skip at late hours (often over northern paths). It has been found that the best years for auroral DX do tend to fall before and after the actual peak of sunspot activity--1991 fits into the "after" category quite nicely!

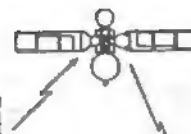
TELEVISION NEWS COLUMN ON "HOLD"...Due to the loss of his entire computer system, Bill Fahber regrets that he must relinquish, at least for the present, his position as editor of TELEVISION NEWS. Should he be able to replace his equipment, he'd be willing to take over the column again. Unfortunately, he doesn't foresee this in the near future. This also means that plans for a second edition of the North American TV Database must be shelved. Bill is still able to do research and analyze the data, if someone else would be willing to do the column. Anyone using Fontmaster 128 with a Commodore 128, or able to convert Fontmaster files to his/her own system, would be ideal for the job. Updating the TV Station data list is, of course, a separate job, but it would be ideal for the same person to do both. That is also on Fontmaster 128. Bill has produced nearly ten years of columns, his first being the May, 1981 VUD. We've gone through the death of STV, the birth of MMDS, DBS, LPTV, HDTV, the busiest decade of UHF in history, commercials on PBS, stations switching affiliation, problems with SIN/Univision, Retrospect articles on TV history, debates on CCI interference patterns, short-spaced VHF drop-in assignments, and much more. Bill wants to thank everyone for their support and comments--and we owe him a great big thanks for ten years' worth of superb work for the club, producing a consistently lively and always newsworthy section of the VUD. The fact remains, however, that there is a great demand in the WTFDA for the information provided in Television News, and somebody has to take it over, at least for the time being. Mail already sent to Bill, as well as all his files and computer disks, will be available to that person.

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Thanks to QSL/LOGOS column editor Tom Yingling, Jr. for the collage on this month's cover.

## SATELLITE NEWS



GEORGE W. JENSEN  
4604 Andromeda Avenue  
Baltimore, MD 21204-4220

Changes Continue and will continue for sometime to come.

New Subcarriers - Morelos 1 (SCPC) XEWA - San Luis Potosi new and strong.

On the video services - the following changes have occurred.

Morelos 2 - XPDR 16 - TNT Latin America in MAC scrambling. Satcom 3 is now Satcom 1 and what an improvement.

Several changes have been made on this bird:

XPDR 1 is now American Movie Classics from 14

9 - Travel Channel from 16

21 - Request PPV from 19

Telstar 303

TVN is converting to the Video Pal format and no longer using the hybrid Leitch system. It seems that everyone who has tried these other systems eventually revert to the VC2 plus format or go under financially.

Westar 5 - XPDR 6 - Caribbean SuperStation is now using expanded hours.

Spacenet 1 - XPDR 2 - Univision feeds

13 - Star TV Heaven has gone to TV Heaven and is no more.

Westar 4 - XPDR 17 - Outlaw Music Channel uplinked from Austin, Texas and Nashville, Tenn. and will apparently use a MAC type of encryption. As stated above for TVN I wish them luck since they have effectively locked out the 3 million home dish market. Advertisers take note.

GALAXY 3 - XPDR 2 & 3 - ABC and other Saudi Pool feed  
20 - CNN Dharan, Saudi Arabia feed.

Satcom 4 - XPDR 12 - Shop At Home noted here in addition to other transponders they use  
XPDR 19 - Satellite City

Galaxy 2 - 21 Spice PPV - omit

15 - Drice-In PPV - omit

Spacenet 2 - 15 - SCOLA from 16 - may change satellite soon.

17 - Telemundo feeds

PanAmSat KU XPDR 4H - ABC Tel Aviv

Intelsat 27.5 W \* XPDR 5H - CNN Tel Aviv live  
6V - NBC Tel Aviv

That's all for now - see you in 30

*Charge*

**TELEMUNDO, TU CANAL**

*siempre*



WKAO-TV\*2  
WORA-TV\*5



KING

CHANNEL 4  
100,000 W

Submitted by MIKE CHERRY/Edited by TOM BRYANT

## HISTORY OF SEATTLE TV

[WITH SPECIAL EMPHASIS ON CHANNEL 13]

**NBC, BUT NOT FOR LONG:** When channel 13 Seattle/Tacoma went on the air August 1, 1953 as KOMO-TV it was an NBC affiliate; and the third station in the market, having been preceded by KING-TV (5) [ABC] (Ed note: Channel 5 signed on in November 1948 as KRSC-TV and was sold to the KING organization and changed to KING-TV in August 1949.) and KTNT (11) [CBS/DuMont]. KOMO-TV operated 8 hours a day under the direction of Tacoma broadcast pioneer Carl Heymond. When he put the station on the air, Heymond knew that he was playing with fire so far as hopes of keeping the NBC affiliation. It was a gamble that didn't pay off!

**MARKING THE TURF:** Since 1926, NBC's radio outlet in Seattle had been 50 kw powerhouse KOMO. The Fisher Blend Company, owner of KOMO radio, had applied for a tv license to operate on channel 4 as early as 1949; but was a victim of the 'freeze', and operation did not begin until several months after KOMO-TV signed on. KOMO radio was a 5 kw regional that had never been affiliated with NBC.

**AND THE WINNER IS...:** When it finally got on the air in December of 1953, KOMO-TV exercised a clause in its NBC contract and was almost immediately granted the NBC television affiliation...leaving fledgling KOMO-TV high and dry. "Lucky 13" (a promotional slogan) saw mess advertising cancellations, mass viewer exodus, and a massive stack of bills. To cut costs, virtually all of the staff was fired; and the entire operation was moved to the KOMO transmitter building. The loss of the network proved to be more than the station could stand, and Mr. Heymond sold it to another long-time area broadcaster, J. Elroy McCaw. The new owner put special emphasis on locally produced programs, ran a lot of movies, and changed the call to KTVW. More on channel 13 later.

**ANOTHER VICTIM:** In 1958 a similar situation cropped up when KTNT (11) lost the CBS affiliation it had had since 1953 to newcomer KIRO-TV (7). It was a deja vu situation insofar as the usurpation of network affiliation was almost identical to the 1953 KOMO-TV loss of NBC [KIRO-AM having been a long-time CBS outlet with provisions for CBS television service a part of its contract with the network.]

**ROLL CALL:** As of mid-1958...KOMO (4) was ABC; KING (5); NBC; KIRO (7). CBS; and KTNT (11) and KTVW 13 were both independents. Note that KOMO (which had snatched NBC from KOMO/13) and KING had orchestrated a network swap of their own. At this point not a single network remained on the channel where it had originally started. KIRO's capture of CBS from KTNT created a second independent...something the market couldn't support at the time.

**SURVIVAL OF THE FITTEST:** Poor channel 13 was about to be kicked in the shins again. With considerably more power, thus a larger coverage area and audience; KTNT led the indy pack with better programming and higher ratings. In fact KTVW was stuck with a vast repertoire of horrible movies, old sitcoms and off network reruns...almost all in black and white. While everyone else was getting into color, the only hue for 13 was RED...on the bottom line. The McCaws finally unloaded the station which then went through a virtual parade of owners: brief dark periods, and finally a complete shutdown in 1975. The license was eventually surrendered to the FCC and the channel remained vacant until 1979.

**NEW BALLGAME...OLD PROBLEMS:** In 1979 the Clover Park School System was granted the dormant frequency and established KCPQ-TV (Clover Park Quality) as an educational facility. The station supplemented the PBS service offered by non-commercial KCTS (9) but when fund-raising time came the viewers opted NOT to give to KCPQ; thus throwing the station into still another round of financial turmoil.

**AN ASTOUNDING TURN OF EVENTS:** In an unprecedented move, KCPQ-TV was sold back to a commercial concern; Kelly Television Inc. This made it the first station in the U.S. to go from commercial to non-commercial and back to commercial again. The new owners kept the call but revamped everything else. A new tower and transmitter brought the station up to full power and into a competitive stance. The 'new' KCPQ became the second in the market to utilize MTS stereo and the first to offer 24 hour programming. By this time, Seattle was ready for another indy, and for the first time in 25 years the seemingly jinxed channel was on the road to success.

**THIRTEEN...TODAY:** KCPQ/13 is licensed to Tacoma but blankets everything from southwestern British Columbia to northern Oregon. After years of struggling, the Fox affiliate is one of the big guns in the market, and in addition to network fare, offers an impressive roster of syndicated programming and recent movie releases. Author Mike Cherry offers the observation that it might just be time for the station to resurrect the once-unlucky "LUCKY 13" slogan!

**SUPPLEMENTAL SEATTLE STUFF:** After being purchased by the Gaylord group in the early 1970s KTNT became KSTW. Other full service operations added to the Seattle/Tacoma market are Trinity Broadcasting's KTBW-TV (20) and a third independent, KTZZ-TV (22). KONG-TV, licensed to Everett, was scheduled for 1987 startup but never went on the air. KBGE (33) in suburban Bellevue was on the air for about a year as a HSN channel, then went dark in early 1980. Non-commercial/educational KTPS (28) has been added in Tacoma.

**VANCOUVER AND VICTORIA, TOO!:** In pre-cable days, over-the-air reception of the Seattle stations in Vancouver was 'iffy' if not downright impossible. Now, most of the Seattle broadcasters enjoy a monster bonus in the form of a million-plus viewers on cable systems in the Vancouver and Victoria areas.

**PACIFIC NORTHWEST P.S.:** There's one other player that needs to be mentioned here...KVOS-TV (12) in Bellingham, WA. With an antenna height of 2370' (est) atop Mt. Constitution on Orcas Island; KVOS-TV is a major factor in the Vancouver market. Channel 12 was CBS (now independent), and to this day has a business office in Vancouver. Their signal in the Canadian metropolis is city grade, and until the advent of modern cable service, they far surpassed the importance of Seattle stations in Vancouver. The border station has a fascinating history, and Mike Cherry has advised that he will share it with us in this column at a later date.

## KING BROADCASTING COMPANY

RADIO &amp; TELEVISION CENTER, 320 AURORA AVENUE • SEATTLE 9, WASHINGTON • MUTUAL 3225

Thanks again to Mike Cherry for the research that made this month's feature possible. This column welcomes reader contributions...in fact I ENCOURAGE them. Your comments, both positive and negative are also encouraged. Without your input it's difficult to insure a variety of material, so to know your preferences of topic matter.

**VIDEO:** Highlights of the MTFDA 1990 Convention; WSMV DX-er feature; and '40 Years On 4' (also WSMV) are all available on VHS or BETA. Send a tape and return postage [or \$6.00 and I'll take care of the whole works]. Mail order to: Tom Bryant/849 Todd Preis Dr./Nashville/TN/37221.



# FM NEWS

Bruce F. Elving, Ph.D., Editor  
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Enko MN 55733-0336, U. S. A.

## Readers' News and Reports

Doug Allen kindly wrote and mentioned Castle Rock 92.1, KYB G-FM is indeed stereo. And he recognizes the correct calls for Camper WY 106.9 as KCSP.

Peter Weeks from NB sent word that CHSR has gone from 87.5 to 97.9, in Stereo. "It's transmitting tower is on top of one of the apartment buildings used by University of New Brunswick students on Montgomery Street, fairly high up on the hill on this side of the Saint John River. I have received it on the car radio as far as about 32 km up the Saint John River and also up the nearby Nashwaak River."

A guy just called and said that WROR 98.5 Boston has changed calls to WB MX; although I show WBMX as the calls for an AM on 640 in Zealand MI; more on this later, as official word comes in.

From Nashville, Peter Bryant confirms that WWTN 99.7 Manchester has jettisoned its stereo, now more talk fulltime, serving Nashville with a tall tower. Also, he sent an article from "Broadcast Engineering" on the FCC rules designed to crack down on FM translators. DXing them may be more difficult than originally expected, since maximum radiated powers (ERP) will be 250 watts rather than 1,000 watts. And, like pointed out earlier, the advantage to third-party owners will be only to relay a strong, primary station, not a more distant one with unique programming. This will tend to clog the dial for DXers with clones of local programming. In FMedial last month, I summarized John La Tour's petition to the FCC to revisit and reconsider the FM translator proposal.

KCEQ \*100.5 Walnut Creek CA only a cable FM station? That's what newspaper ads say, but with a sound drive going on, John Jefferson thinks efforts may be made to revive KCEQ's FM signal. He confirms that KSQQ 99.1 Morgan Hill is in stereo, now with ethnic, and that KKIS-2 92.1 Pittsburg CA is on the air, though pointed away from the freeway. And high powered boosters of KFOG 104.5 and KSN 94.9 San Francisco are on the air. Try for 'em!

Chris Dunne sent some south FL news, including a local bandican. He has heard WGUF 92.7 Marco, now b, but apparently he is not getting it strongly enough to tell if it possesses stereophony or not. WKLG 102.1 Rock Harbor has been off "for days" now and he wonders, like all of us wonder, "why?"

John Ebeling sent an article about the planned FM tower of WBFX 95.3 Grand Marais being blocked by a judge, because it would be too close to a wilderness area used for canoeing. The station is not sure it will build, even if a different, more environmentally-sited site is found. He sent a letter from member Andy Bofin, 709 Lincoln Ave., Charleston IL 61920. Perhaps some member can help Andy. It involves a process of using two antennas, each on its own tower with its own rotor, for throwing nulls at your nearby stations. Both antennas are hooked up to a two-way splitter, and then the output to your receiver. Then insert an attenuator and play with the attenuator adjustment and the rotor bearing of the one antenna until a null comes. The procedure is very experimental, and before any of you

try it, you might want to wait to see what Andy comes up with. To complete his experimenting, he needs some James Millen capacitors at a fair price. "The factory wants \$19.75 each for a no-frills cap! Here's what I need: Millen No. 20050E and 20100E." Andy is also researching a TV version of his "nullifier." Send help if you know of the location of a distributor who might offer a much lower price for those capacitors. Perhaps Andy can soon write an article advising all of us how we can DX around, or through, our local "friends."

Somebody sent a piece on the "micro" radio movement, started by WTRA 107.1 Springfield IL. A similar FM pirate is said to be operated, snubbing its nose at the FCC, in Decatur IL; frequency unknown. Similar stations are said to be ready to be launched in Chicago, Richmond VA and Birmingham AL. % National Lawyers Guild, % Attorney Peter Franck, 3032 Bateman St., Berkeley CA 94705.

Emie Cooper got a QSL from KAXE \*91.7 Grand Rapids MN thanks to my calling and writing KAXE on his behalf. I am willing to help verify other MN and WI stations (FM) that others are finding hard to QSL. He still wants to see the FM Atlas include program format information by frequency; possibly the new NRC FM list (see last month's VUD ad) might have it that way; I have yet to see that list.

Len Kruse sent a piece about KNEI-FM 103.9 Waukon IA poised to become a C2 in stereo, and more DX ready. Article didn't say, but KNEI-FM will move to 103.5 with the more power.

It was Dan Camhir, who reads this column, who sent the info on the "micro" radio movement. Bill Nienajady has sent him some filters to modify his Technics ST-870. "It's good!"

Chris Dunne has heard about a new Bahamas station, probably from Nassau, calling itself merely "1-D-4-5," and alluding to Paradise Island and Ch. 13 being on the air. You might want to try to DX 104.5, in case it is a high-powered station.

Tim McVey has confirmed Bill Nienajady's findings that you can, indeed, modify digital tuners to tune finer, such as 50 kHz steps by diode adding or elimination. A laxative to make tuners perform better, with more regularity, Bill? Anyway, William Hepburn in Canada has also changed his tuner for more precise steps, Bill believes.

Receiving the new Atlas was Todd Brandenburg of Topeka, who sent several KS updates, noting some translators that have never operated. He says KWJC \*91.9 Liberty MO will have to stay there and not move to 91.5 with more power because of KANU 91.5 Lawrence KS. I see a station near him is changing frequency and undergoing a modest power increase; it's moving to \*88.7 and is KNUB Baldwin City. He's not sure if KKCI 102.5 Goodland KS is stereo or not—Goodland represents real good DX for him, out to the west where tropo is more infrequent.

Larry Fuss got his 13th edition "FM Atlas," and says I've "done a superb job as usual." He took a trip to HI and heard KLUU in Kailua-Kona on 83.9 ("93.9 Kailua FM" [strict]!). I show KKGG, an unbuilt CP, on the island of Kauai, "which is not correct. There are three towns in Hawaii named Waimea. Based on the coordinates in the FCC database, 99.1 belongs to Waimea on the island of Hawaii—also known as Kamuela, presumably to distinguish it from the other two Waimeas. I'll look at other states I'm familiar with soon and let you know if I spot any discrepancies."

## FCC - FM

See Also February VUD For:

AL Linden WNPT FM 102.9 h.s. Pugh, p. 35  
AR Sheridan KXIX 102.9 Kilauea, Pugh, p. 35  
FL Fort Myers WAYJ \*88.7 is actually g. Falconer, p. 32 [Marion, "E2 103.5," Strobel, p. 30]  
IL Christopher WUEZ 103.5 h.s. ID with Merrin-IL Da Kato WDKB 94.9 B-95, Strobel, p. 30  
IL Mahomet WHZF 105.9 h.s., "The Heat," ID with Champagne-Urbana, Strobel, p. 30 [bet, p. 30]  
IL Shelbyville WEJT 105.1 ID with Mattoon, Strobel, p. 30  
IN Rensselaer WOTX 105.1 apparently talk, Monarch with 100% capability, Strobel, p. 30. Watch to see if it should return with pr and glorious 5! MT Hastings WB CH-FM 100.1 I list as k; perhaps it was still in when Hall (p. 29) heard it in Nov MI St. Johns WGOR 92.1 Mix 82.1 ("The App"), Falconer, p. 32 [Racket KTCZ, "Allen, p. 33 MN Minneapolis KTCZ 92.1 still "Gimme 97," m/f FM Farmington KSJE \*96.9 ct. Allen, p. 33 NC Murfreesboro 98.3 calls are WBGC, not "WBOG," Hall, p. 29

OH Cold Grove WKVX 97.1 Stereo! Strobel, p. 30  
OH Crestline WAPQ 98.7 h.s. ID w. Mansfield, "The Apple," Strobel, p. 30  
OH Crooksville WYB 2 107.3 h.s., o. Strobel, p. 30  
OH Logan WLGM-FM 98.3 still mono! Hall, p. 29  
OR Portland KB GO \*90.7 not in same way more! Cherry, p. 28 [bet, p. 31 PA Media WKST 100.3 h.s. Hall, p. 28 [Sch. Strobel, p. 30 SC Conway WYAV 104.1 ID with Florence-Wytheville SC Kingsport WNKX 98.3 h.s. Hall, p. 28 TN St. Joseph calls on 101.5 are WDR-FM, h.s., p. 34

TX Georgetown-Austin KHFI 96.7 h.s. Pugh, p. 35 VA Suffolk WAFX 105.9 h.s. Nienajady, p. 28 WA Aberdeen KDUX 104.7 h.s. Cherry, p. 28 WA Forks KLLM 103.9 still mono! Cherry, p. 28 WA Pasco KEYW 98.3 (not "KEYQ," even though it uses a "Q-98" mix ID; h.s. or call it d. Cherry, p. 28 WA Wenatchee KPQ-FM 102.1 r. [Lim], Cherry, p. 28 AB Edmonton CKRA 96.3 Lite 96 (from "96-K-SC Prince George CTRX (not "CBRX") 94.3 r. Cherry, p. 28 [101], Around the Dials, p. 28 ON Smiths Falls CHEQ 101.1 Q-Country (from "Q-ON Wingham CKNX-FM 101.7 r. Strobel, p. 30 Thanks to Jerry Monroe (p. 32) for his nice words on the "FM Atlas."

Now on an interesting letter from Edward R. Cotten of Chesapeake VA:

"I've noticed the controversy over WHRO and WHRV FM in FM News lately. I'll try to clear it up, if I can."

"A few years ago when WHRO-FM decided to put on a second station they had to have a frequency. The only one available was 88.7, which belonged to a small high school station in Portsmouth. They couldn't use it for a full power station because of interference problems. The only one available then was 90.3, which was used by WFOS, the Chesapeake Public Schools station, and I might say one of the best-run high school stations I know of. Well, they petitioned the FCC to have WFOS moved to 88.7, delete WNHS 88.7 Portsmouth and put the new station on 90.3. They also donated a new transmitter to WFOS and increased their power from 1500 to 15000 watts. Eventually everything was OKed. Last year, WFOS was moved to 88.7 with 15000 watts [licensed Chesapeake from Portsmouth]. The new station, WHRV (ex-WHRO-FM), moved to 88.5 and WHRO-FM was moved to 90.3. WHRO-FM and WHRV are licensed to Norfolk VA [but I see where WHRO-FM would be licensed to Driver VA—see if they ID

city on the hour—b.e.]. WFOS [on 88.7] is licensed to Chesapeake."

"WFOS programs classical music and is listened to by many people who like it. The power increase was welcomed by many. Now there are some listeners in Virginia Beach, though, who are upset because they can not receive WFOS now but could before. Now they have to protect a small religious station WODC \*88.5 in Virginia Beach. So goes it. I hope this clears up this mystery."

[It sure does, but now that you mention WODC being on the air, I'd like some more information on that station—does it have stereo, its hours on the air?—b.e.]

Now on to a paste-up of part of last month's FMedial since my computer printer is temporarily out of service.

## New FM Station, Translator Grants

AL Huntsville (north) WKOD-2 92.3 20-watt booster of Tallapoosa TN station Huntsville (south) WKOD-1 93.3, 20-watt booster AL Northport (Tuscaloosa) 100.7 3000 watts h.s.; 100 m, Warner Bortg. (see also "Deletions," below)

AK Paxon (SE of Fairbanks at intersection of Hwy. 8 and 4) K282AR 106.3 (translator of KJAK-FM 102.5 Fairbanks)  
AR Harrison K2158R \*90.9 (KCMH 91.5 Mountain Home) [see Bortg.]  
AR Little Rock 99.5 3000 h.s.; 100 m, Name-AR Wrightsville (Little Rock) 107.7 3000 h.s.; 100 m, W. Communications Co.  
CA Azusa 92.7 260 h.s.; 304 m, Cassina Radio CA Independence 106.3 3000 h.s.; 483 m, Bennett Kasler [Grand Junction]  
CO Craig K211BS \*90.1 (KPRN 90.5/DE Dover W216AM \*91.1 [WFSB 107.9 Annapolis MD] [m, W. L. Silvestro]  
FL Cape Cove (Sarasota) 107.9 3000 h.s.; 100/FL Edgewater 83.1 3000 h.s.; 100 m, DeHara Radio [106.3 Melbourne]  
FL Merritt Island W203AC \*88.5 (WCIF/FL Port St. Lucie W216AM \*91.1 [WFRB 90.3 Boynton Beach]  
GA Cadotown W215AQ \*90.9 (WMBI-FM 90.1 Chicago IL, via satellite)  
GA Hardwick (Milledgeville) W220AM \*91.9 (WFCB 88.5 Charleston SC) [Columbus]  
GA La Grange W220AN \*91.9 (WFRG 90.5/FL North Canton W206AE \*90.1 (WCCV 91.7 Carterville) [Des Moines]  
IA Ames K206AW \*90.1 (KDFR 91.2/KS Hutchinson \*91.7 10000 h.s.; 293 m, g. KS-NE Christian Bortg. (see also "Deletions")  
KY Irvine 106.1 670 h.s.; 189 m, KY River Bortg. KY Louisville 108.5 5000 h.s.; 146 m, L. Bortg., Ltd. [m, Loden Bortg.]  
KY Reidland (Paducah) 106.7 3000 h.s.; 100/KY Williamsburg W210AL \*91.1 (WMBI-FM 90.1 Chicago IL) [Anna Wernick]  
KY Wilmore 96.3 3000 h.s.; 180 m, Mar/MN Moorhead \*90.3 10000 vertical only; 151 m, MN Public Radio  
MS Flora (Jackson) 97.5 3000 h.s.; 100 m, Crossroads Communications  
MT Enigma (SE of Livingston) K216CH \*91.1 (KEMC 91.7 Billings) [Miss City]  
MT Tracy K220DF \*91.9 (KECC 90.7/NJ Asbury Park \*88.1 100 watts h.s.; 30 m, g. Evangelical Crusades of Fishers of Men  
NM Clovis K204BP \*88.7 (WMBI-FM 90.1 Chicago IL) [A. Saliday]  
NY Capecharter 106.7 200 h.s.; 374 m, Tia/NY Montash 94.9 3000 h.s.; 38 m, Women Bortg., Inc. [J. DeLorenzo, Inc.]  
OH Delaware 107.9 3000 h.s.; 186 m/OH Greenfield 97.5 2000 h.s.; 93 m

## March, 1991

OH Manchester (there are two Manchester, OH—this is the one on the river near Mayville KY) 101.3 3000 h.s.; 100 m, Jewell Schaeffer Bortg. [Grand City Bortg.]  
OH Mount Gilead 95.1 3000 h.s.; 180 m/OH Wadon 98.9 3000 h.s.; 100 m, Stoneham Radio Partnership  
OR Florence K211-1 \*90.1 (KRVB 91.9 Eugene). This translator is used to feed KSYD \*92.1 Redford OR. KSYD will also have some programming from Redford High School.  
SD Gettysburg K214BH \*90.7 (WMBI-FM 90.1 Chicago IL)  
TN Bolivar 94.7 8000 h.s.; 108 m, the Shams TN Dyerburg W214AJ \*90.7 (WMBI-FM 90.1 Chicago IL)  
TN Jackson W201AM \*88.1 (WMBI-FM) TX Brenham K214BG \*90.7 (WMBI-FM) TX Huntsville K210BI \*91.5 (WMBI-FM) TX Jacksonville 102.3 3000 h.s.; 100 m, R. W. Sherry [m, Trinity Valley Bortg.]  
TX Woodville 94.7 5000 h.s.; 150/UT St. George 98.7 10000 h.s.; 301 m, Ear, Inc. VT Morrisville 83.9 3000 h.s.; 100 m, Radio Vermont, Inc. [Billings MT]  
WY Worland K203BI \*88.5 (KEMC 91.7/OH Belleville 92.3 50 watts h.s., Loyola College 102.3 3000 h.s.; 8 m, Trigg Communications

## Call Letters Assigned or Changed

AL Fort Recker 100.5 (facilities change from 93.1) WXUS [from KFLB]  
AZ Bullhead City 102.7 KFLB-FM  
AZ Tucson \*89.1 KUAZ  
CA Fort Bragg 96.7 KLLK-FM (KZPB); AM is in Willis CA [m, "Power 102"]  
CA Fresno 101.9 KPWP (KQOO-FM) / CA Morro Bay 99.7 KWVD  
DC Washington 100.3 WJZE (WDJY), j. "Jazzy 100," facilities to 30000 h.s.; 175 m FL Key West 107.9 WWFT  
GA Hinesville 101.9 WWSX (WXLD)  
GA Panama 101.9 WWFP  
GA Toccoa Falls \*90.9 WRAF-FM (WRAF); AM is a commercial station in Alpharetta GA LA Monroe 104.1 KJLO-"FM" (KJLO; AM gets new calls)  
ME Biddeford 94.3 WSTG DWYJY, "Star 94.3"  
MI Adrian \*107.9 WMAC-FM (WMAC); AM is a commercial station in Norwalk OH  
MS Kosciusko 183.3 WWSF [106]  
MS Moss Point 104.9 WZBAWUNU, b. "Band MO Petoski 97.7 KWWS  
MO St. Louis 102.5 KEZK-FM (KEZK; AM is in Wood River IL), m. Its former b format goes to its AM. The AM's previous all-business format worked out "pretty well for us from a revenue standpoint, but it was not secret that the ratings weren't there."

NY Las Vegas 103.5 KMAK (KLTN), now r NY Homer 101.5 WXHC, to 1300 h.s.; 148 m NY Jamestown \*88.7 WNJA  
NC Charlotte 95.1 WSKL-FM (WZZG), "Cool 95.1," still oldies  
NC Old Fort 104.3 WDSB  
NC Rocky Mount \*90.9 WESQ (WUUE)  
ND Minot 106.9 KHRT-FM  
OH Hamilton 96.5 WZRO (WBVE), p. "Z-Rock"  
OH Norwalk 95.3 WLKR-"FM" (WLKR-FM; AM gets new calls)  
OR Bend 98.3 KTWS (KIOD-FM), p. "K-TWS," simulcast with Warm Springs, OR Eugene \*88.1 KWVA  
OR Lake Oswego 106.7 KMXI-FM (KMXI; AM is in Vancouver WA) [KWSI]  
OR Warm Springs 96.5 KTWI, p. "K-TWS" (WWS Columbia 93.5 WMAA (WDEZ), m. "Star 93.5" (from "EZ-93")  
SC St. Matthews 93.9 WQK-FM  
SD Brookings 93.7 KBRK-FM (KBRK)  
SD Martin \*102.5 KZSD-FM  
SD Redfield 103.7 KOKD-FM (KVCU)  
TN Manchester 99.7 WWTN (WTSN-FM)  
TX Bloomington 106.9 KVMK  
TX Dallas 97.9 KLKX (KKWM-FM), m. "Lite 97.9 FM" (atrick).  
VA Vienna 108.1 WWSF

## Format Changes

Formats are the same as in the "FM Ad" **AL**

**AL** Japer W280-FM 102.5 r, **SMN** R&B oldies

**A2** Green Valley KGMS 97.1 r, **Lite FM 88.9**

**CA** Dinuba KJDI 98.5 r, **Lite FM 88.9**

**CA** Porterville K100 99.7 r, dropping jazz/new

**CA** Wood KWHQ 100.9 k

**CT** Stonington WYVE 102.3 o, **SMN** Para

**DE** Bethany Beach WYTR 95.9 r

**DE** Georgetown WZBH 83.5 r

**MI** Muskegon Heights WOFN 101.7 L, dumping

rock and simulcasting with WQWQ 1520;

may change its calls. Its "b" format "is very

traditional, too!"

**FL** Jupiter WTRU-FM 88.5 now Spanish, "Radio

Triunfo"

**FL** Marco WGUF 92.7 r, "Lite 92.7"

**GA** Brunswick WIOI-FM 100.7 o (oldies)

**GA** Milledgeville WLR 109.7 r, "Light Rock"

(also oldies)

**GA** Washington WLOV 108.1 o, **SMN** Para

**IL** Carlinville WCNL 95.9 o (country)

**IL** Carlinville WCNL 95.9 o (country)

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**IL** Carlinville WCNL 95.9 o (country)

**SC** Pamplico WMTX 102.1 r, "Mix 102"

**TN** Henderson WHHM-FM 107.7 k

**TN** Oak Ridge WKFN-FM 94.3 r

**TX** Baggett KQXY 94.1 r, "94-0" (from

"94-0")

**KZBB** 95.1 r, still "B-85"

**TX** Benton KYZZ 106.3 o, **SMN** Para, no soul

**TX** Corpus KJZS 106.9 L, uses call letters, KGLF

**103.3** Freeport retains the religious format

and is now Houston's "Joy of Jesus" (from

"The Christian Leader")

**TX** Denton KTCY 104.8 k

**TX** Eastland KEAS-FM 96.7, normally country,

handed out c, Metropolitan Opera, one

Sunday afternoon. "This seems so out-of-

place that I am going to write the station to see

if this is normal policy or if it was just a

special broadcast for some reason. Eastland

is the last place I would expect to hear opera

being broadcast, especially on a country-

western station."

**TX** Georgetown KRTX 104.9 r, "The Breeze"

**TX** Georgetown KRFI 96.7 r, "K-96.7"

**TX** Houston KHMZ 96.5 r, "K-Mix" (not

strict; also "Mix-96.5—an identity crisis")

**KODA** 99.1 no longer carries the Houston

Opera. "Last season, the games were heard on

AOR/news KLOL 101.1 and KTRN 740."

**KODA** again known as "Code 99" (stic).

**TX** Marshall KEEP 92.3 r, \$

**TX** San Antonio KSTX "98.1 r, NPR news and

talk, presumably with some music to justify a

\$1000 listing

**TX** Springtown KNOX "98.1 k, mono

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**WOXQ** 92.7 Norway ME fulltime, "except

for AM drive." Gleason paid \$300,000 for

WTOM from T. Barton Carter, who is on the

faculty of Boston College.

**MO** Kirksville K220CH "91.9, planning to go

to 250 watts at a higher elevation. Hanging

on the same tower will be another translator to

relay Moody programming from WMBI-FM

"90.1 Chicago via satellite.

**NE** Blair KBWH 100.3, \$

**NH** Berlin WZPK 103.7 closed its Portland ME

office, seeking aid only from NH. Rumors

that it has sought Chapter 11 bankruptcy

protection are unfounded, the station alleges.

**OK** Stillwater KOSU "91.7 should be an now

with 100000 h; 308 m from a tower 10 km

west of town. Expecting its audience to

increase five times, and claiming some suc-

cess in Oklahoma City and Tulsa, despite

KOMA's 92.1 signal in latter city. Its mate on

the new tower, KSPI-FM 93.7, is already

there with 16000 h; 270 m.

**TX** Eastland K220BH "91.9 owned by the First

Baptist Church of Eastland. "Uses 30-second

spot at 10 to invite listeners to attend

Sunday services at the church."

**TX** Kilgus KTVB "88.7, public radio, exact

format, stereo status unknown

**TX** Tyler K203AO "88.5, "dual KVTT-K203AO

ID at noon daily."

**WI** Milwaukee WMMK "88.1, triplexed into the

WUWM/WYMS antenna on the channel 6

tower. "A small studio has been constructed

at the WTTV TV transmitter building for local

origination of programming. "I volunteer

these weekends. WVCY 107.7 is not very

placed with us, but we add a new dimension

to religious programming. We use our stereo

more than WVCY does."

**BAHAMAS** "1-0-4-5," on air, CNNews and local

ads; power, stereo status, exact location

unknown, except saying "Paradise Island"

**AM happenings Most Likely Caused**

by FM

**CA** Santa Barbara KIST 1340 has had its old

tower atop the Ben Franklin Building torn down;

had been in several moves, one of which I

remember seeing as a kid. Station "literally

owned the market, and in the 1970s and early

1980s it had 15 mobile units on the street."

Rebuilding tower on land close to where it was.

**CO** Monument (Colorado Springs) KCBR 1040

silent again (was on briefly with talk)

**ID** St. Anthony K100 1400 silent; had been k

**IL** Chicago WPTD 820 off the air "indefinitely."

It was costing \$400,000 a year to keep on the air,

considering taxes on the land, electricity and

engineering.

**IL** Springfield WMAV 970 goes from country to

oldies. WFBM 104.5 bounced them in the

ratings. Hoping its better signal will enable it to

win the oldies war with WCVS 1450, which also

has that format.

**FM Rulemakings Finalized**

Dates are when FCC filing windows

are open

**CA** Garberville 103.7C1, Feb. 26-Mar. 2

**CA** Yuba City KXCL 103.9B1 from A

**FL** Rockledge WHKR 102.7C2 from A

**IL** Morris 103.1A, Feb. 20-Mar. 22

**IL** Pontiac WJEZ

# NORTHERN FM-DX

FOR DXers In: Canada, ME, VT, NH, MA, CT, RI, NY, PA, NJ, OH, MI, IN, IL, WI, MN, IA, NE, KS, OK, MO, CO, UT, AZ, NV, ID, MT, WY, ND, SD, NE, WA, and OR

GREG CONIGLIO  
5100 GLENWOOD DRIVE  
WILLIAMSVILLE, NY 14221

## MARCH 1991

Not a whole lot of DX to speak of this time. DXers continued to do well with meteor scatter loggings during December and January, and there were evidently a few short e-skip openings, nothing major though. Some more reports from Thanksgiving tropo fest as well. Thanks to Bruce Hall for sending a list of meteor shower events for 1991, and Rich Shafan for sending a map of his daily tropo-scatter.

### FRED NORDQUIST - 7945 BOXFORD ROAD - CLAY, NEW YORK 13041 (ELT)

Equipment: Receiver: Carver TX-11a modified with five 150 kHz IF filters. Antenna: Two CM Stereo Probe 9's HORIZONTALLY stacked at 35' AGL, CAC-11 75 ohm coax. Home brew tuneable band pass filter. Underlined new to log. Dashed underline new propagation mode.

#### OCTOBER 1990 DX

11 Tropo  
2231 WOMP 100.5 OH Baltimore, finally in WYOR null 321  
NOVEMBER 1990  
20 Es to Florida 1984-1991. MUF 30.7 MHz  
1854 WCIE 91.1 FL Lakeland, ID  
1058 WSPF 90.1 FL Ft. Myers, classical, ID  
DECEMBER 1990 DX  
2MS  
2228 WQX 93.1 FL Jacksonville, ID (prev. Es) 936  
10 Tropo  
1989 WPMJ 91.1 OH Alliance, MI. Union College 287

#### OCT 19 Tropo

2205 WBBG 88.3 OH Youngstown, Ohio ID eWSEE 271  
19MS  
2300 KSMU 91.1 MO Springfield 4, ID, prev Es 933  
11MS Denver Summit de MS Kansas, radio 542  
0059 WUKY 91.3 KY Lexington, ID, \*  
28 Tr Es to Ohio, in almost 1990  
0032 CRO 91.5 ON Ottawa, ET, I, R9-17 EE (7-gc) 158  
0058 CROF 88.7 ON Ottawa, w/ max FCC 158  
28 Tr  
0110 WYKX 91.3 NY Poughkeepsie, p, ID 150  
0208 WBPM 91.3 NY Kingston, 894, callers 148

\*Central NY PBS stations WCNY/WUNY/WJNY/WRVO/WRVE/WRVN sign off at 0000, clearing up these channels for MS DX etc. Totals at 1533. Happy New Year and good DXing in 1991. 73-Fred

### RICHARD K. SHAFAN - 101 OAKLAND AVE - ROCKAWAY, NEW JERSEY 07866

Equipment: JVC JR-S201 receiver, Radio Shack PM Antennas (2) stacked at 35 feet AGL, 150 filters. Phone #: (201) 586-3563

#### OCTOBER 1990 DX

7 tropo (Longwire)  
2248 WCRB 102.5 MA Waltham, solid w/WOLC  
2249 WWRX 103.7 RI Westerly, solid. WNNJ is 12 miles away at 20,000 watts.

#### 8 tropo

0015 WWMX 106.5 MD Baltimore  
0040 WJFD 97.3 MA New Bedford, Portuguese  
0119 WNTX 96.3 MA Nantucket, Oldies 96  
0122 WPPW 89.3 DC Washington, ID  
0123 WGBH 89.7 MA Boston, local

#### NOVEMBER 1990 DX

17 tropo-scatter  
1747 WQSR 105.7 MD Catonsville, ID  
2013 WCNY 91.3 NY Syracuse, classical, ID  
18 groundwave (Roof-top system)  
2350 89.4/89.6 unID on carrier of WSOU. ID was WRMM New York

#### 19 GW/Tropo

0035 WJFR 91.7 NJ Pomona, ID, Lite 91.7  
2327 WDVZ 89.7 NJ Stockton, ID, now regular.  
I don't know why I never picked this up one mile away

#### 20 tropo

1026 WHLM 106.5 PA Bloomsburg, ID, another station I could rarely get a mile away.

#### 22 tropo

1244 WUFM 100.1 PA Lebanon, ID, Bright 100  
1258 WAFL 97.7 DE Milford, top 40, ID  
2050 WAAJ 100.9 MD Hurluck  
2052 WNNN 101.7 NJ Canton, rare, religion  
2055 WZBH 93.5 DE Georgetown, The Beach

#### NOV. 22 tropo cont

2056 WGMG 92.7 DE Rehoboth Beach, Sunny 92.7  
2121 WCEI 96.7 MD Eastern, local ad, thru WQQQ  
2159 WVBK 105.7 MA Frammingham, Local talk show

#### ID as Boston 105

2212 WAQY 102.1 MA Springfield, Rock 102, Stones  
2340 WROR 98.5 MA Boston, local mentions  
27 TYS/GW  
0049 W244AS 96.7 NJ Oakhurst, WHTZ translator  
1432 WARY 88.1 NY Valhalla, ID  
1454 WKRB 90.9 NY Brooklyn, ID thru WHYY  
1512 WHKS 94.9 PA Harrisburg (Rich, calls are now

WKLL-gc), also 97.3 WXXB in.  
1615 WKLO 104.5 MA Pitchburg, ID, this comes in fairly regularly here.  
1644 98.1 & 97.3 New Bedford in. Also 98.5, 96.1, 92.9

102.5, 103.3, 105.7, 94.5 Boston area  
1830 WSNE 93.3 MA Taunton, ID  
1858 WENX 101.7 MA Lynn, u/WBAZ, ID promo

#### METEOR SHOWERS IN 1991

Shower	Date	Hour (UT)	Rate (#/hr)	Viewing Circumstances
Quadrantids	Jan 4	03	80	poor
Lyrids	Apr 22	14	10	fair
Eta Aquarids	May 5	14	35	fair
Aquarids	July 29	04	20	poor
Persids	Aug 13	04	75	excellent **
Orionids	Oct 22	07	25	poor
Taurids	Nov 4	17	10	good

Antenna map

## NORTHERN FM DX

MARCH 1991

RICH SHAFAN's REPORT continued.....

#### 11/27/90 Tropo

1939 unID 104.9 classical, likely WBOQ  
1945 WBCN 104.1 MA Boston, Radio 10-4 WBCN  
1958 WCGY 93.7 MA Lawrence, thru WZMX  
2115 unID 99.3 ment. Heritage Mall thru WMID  
2236 WGTU 107.7 PA Gettysburg. This one came in quit often in December  
2252 WYFI 99.7 VA Norfolk, trace  
28 Tr  
0759 WQXA 105.7 PA York, top 40  
1605 WOOD 106.1 MA Hyannis, WKLO in again too

#### DECEMBER 1990 DX

2 tropo  
0142 WQHQ 104.7 MD Ocean City, strong, Q-105  
1206 WRPB 90.3 NJ Mahwah, thru WHPC, ID  
1510 WDSI 100.1 NY Woodstock, classical, ID  
1600 unID 100.1 Philadelphia vs Buffalo NFL game (WUFM a good possibility-gc)

#### 4 Tropo

0019 unID 102.5 Little Richard thru WRFY (Rome?)  
5 MS/TYS  
0131 unID 91.9 Family Radio (MS)  
2232 WMRV 105.7 NY Endicott, heard several other times during December

#### 7 TYS/MS

0910 WDNH 95.3 PA Honesdale, ID, WMRV in  
2051 unID 95.3 Mount Pleasant? (MS)  
2313 WCTX 92.1 PA Palmyra

#### 8 TYS/MS

0001 WDLS 93.7 PA Dallas, ID, possible sign off

#### 12/8/90 MS/TYS

0018 unID 107.3 Cod 107 FM (MS)  
0217 WARM 103.3 PA York, Warm 103, WPRB off  
0230 WREAY 92.1 PA Nanticoke, Eagles, ID  
10 TYS  
0832 WSEN 92.1 NY Baldwinsville, WCNY in too  
1455 WKOJ 92.7 NY Middletown, ID in car in N. Bergen on side of hill facing west

#### 14 TYS

1008 unID 93.3 Iams/C&W u/WMMR, to NW

#### 17 Tropo

0741 WRCN 88.1 PA Sweet valley, Bible Quiz  
0751 WCTX 92.1 PA Palmyra, ID as X-92  
0800 unID 107.7 Y-107.7 to Northwest  
Tunkamnock? (Yes, WYMK-gc)  
0808 WYOR 100.5 NY Rochester, local promo  
0811 WKLY 98.9 NY Rochester, Simon/Garfunkel  
0828 unID 94.9 Steve Miller, maybe Utica  
1300 WPCR 88.5 MA Amherst, ID  
1307 WPOB 88.5 NY Plainville, Frank Lorenzo  
2124 WQIX 94.1 PA Sunbury, top 40, ID  
2200 WCEI 96.7 MD Eastern, ID

#### 22 TYS

0649 unID 103.3 WARM/WODS/WESR, WPRB off  
28 TYS  
1402 WJFF 90.5 NY Jeffersonville, ID with Sullivan County Weather, PSAs

#### 30 GW

0930 WMUH 91.7 PA Allentown, Spanish prog

Had to move on Sept. 4 to this new location after an attic fire forced us to move. The timing during my busy season and with the XYL 8 months pregnant couldn't have been worse. After living here two months and getting past election day (our company handles media and strategy for political clients), I put up a pair of Radio Shack cheapies stacked five feet apart. The results are amazing. I have picked up 15 new tropo and ground wave catches in just a month and a half, despite this new location being 120 feet lower in elevation and with sharper rises to the North and West. The two antennas far outperform the Wineberg I had at my old house, particularly with nulls and front to back ratio. I also put up a longwire stretched NW/SE which measured about 100 feet with a terminating resistor of 560 ohms fed to a ground on the Northwest side. While this antenna has sharper gain to the Northeast than the stacked antenna. According to what I have read, shouldn't this gain be highest to the North and West? I would appreciate more information on other members' experiences with longwires. I have lots of room in the woods here to string all kinds of antennas.

### BRUCE HALL - 141 KING GEORGE ROAD - BRANTFORD, ONTARIO N3R 5K7

Equipment: same as before, distance is 18 Kilometers.

#### JANUARY 1991 DX

3 MS (Quadrantids meteor showers)  
2212 unID 94.3 CUSD or CHIQ. Ad for Bargain Harold's with no GST tax on clothing. Wrote CUSD Thunder Bay to verify ad. If not played there I'm sure it's CHIQ Winnipeg, MB.  
2241 WJFK 106.7 VA Massena, John Conger sez. tried for this since conversation. Conversation 917 (Dunkirk, NY-gc) SS2  
2339 KFUP 99.1 MO Clayton, Classic 99 KFUP-FM 29th state logged 989

Let me change my comment in JAN 91 PCC FM NEWS from "maps somewhat useful" to extremely useful. IF Bruce Elving didn't put seeds 99.1 on this catch I may not have logged KYPG. Thanks Bruce for including that important piece of info on the map. 20th catch on 99.1. 73 - dB



KYPG 99.1 KS Girard, r, calls, ex-Y-101. 1389

STATION NEWS: 95.1 in Charlotte is no longer top 40 WZZG: They are now WGKL, Kool 96, and oldies. 107.3 in Anderson, SC is rumored to be going to WWW and adult contemporary.

PETER Q. GEORGE (N1GGP) - 25 COLUMBIA ST 3rd floor - BROCKTON, MASS. 02401

(508) 584-0374, no collect calls please.

RECEIVER: SONY STR-VX750, modified with 150 khz filters

ANTENNA: FM transmit "helo" at 60 feet AGL, 6 element yagi (both fed w/RG8U coax into CM amp).

11/22/90 DX Thanksgiving Day Fall stars  
 1115 WMBN 100.1 MA North Adams, beautiful mix-wanted  
 1121 WRTC 89.3 CT Hartford, black gospel mix  
 1124 WRCH 100.5 CT New Britain, AC/EZL, like 100.5  
 1125 WXGL 93.9 ME Lewiston, Eagle 91, oldies  
 1126 WCDQ 92.1 ME Sanford, AOR/Gold, 92-CDQ  
 1128 WQXR 100.1 MA Southbridge, local football game  
 1155 WHCF 89.5 ME Bangor, religious talk  
 1200 WAGY 102.1 MA Springfield, Rock 102  
 1202 WRN 95.1 CT Bridgefield, Classic AOR, 1-95  
 1211 WBLG 98.3 FL Block Island, FL ads  
 1212 WCIZ 98.9 ME Brunswick, new age, EZL  
 2211 WQCB 106.5 ME Brewer, Country, Q-106  
 2219 WNYC 93.9 NY New York, Piano classical mix  
 2220 WYIC 96.5 CT Hartford, CHR and a ROYAL post  
 2223 WYJY 94.3 ME Biddeford-Saco, EZL, Joy 94.3  
 2225 WKCR 89.9 NY New York, folk, acoustic mix  
 2229 WYLS 107.5 NY New York, urban contemporary

DEC. 13 MS DX (Geminids) (all stations except CBON4)  
 2140 CBON20 89.3 ON Thunder Bay, prev ES, CBC FF Mon  
 2142 WSKG 89.3 NY Binghamton, grav tropo, NPR  
 2158 WQZQ 95.1 IL Decatur, country mix  
 2211 KXTR 96.5 MO Kansas City, classical mix  
 2259 WAYY 95.1 NJ Atlantic City, CHR, top 40  
 2309 WKIL 95.1 WY Peabody, "Jack Gordon 95XIL"  
 2349 CBON17 95.1 ON North Bay, CBC FF Mon  
 DECEMBER 14 MS  
 0042 WAB 95.1 IN Fort Wayne, "man on the street on WAB"  
 0051 WLST 95.1 WI Mainville, "pharmacy in Mainville"  
 JANUARY 12, 1991 Tr-S  
 1700 WQNA 107.7 NY Albany, Country Favorites 107.7  
 1795 WRCH 100.5 CT New Britain, like 100.5 WRCH



Some fantastic tropo on Thanksgiving Day added zest to wonderful feast!!! Much wanted WMBN 100.1 MA, WKCR 89.9 NY, and WYLS 107.5 NY were heard at varying strengths throughout the day. It was truly an event that kept me "swooshing" up and down the band into the wee-hours of the next morning. But the real event was the Geminid Meteor showers on the night of 12/13/90. I found that for my use, a ground plane cut for the FM band located well below rooftop level on a 3rd floor balcony far outperformed any rooftop antenna for meteor scatter reception. The reason being that by lowering the height AGL, many semi-local which would otherwise clutter were effectively weakened to make MS reception more accessible especially on first adjacents. Needless to say I was not disappointed. In fact I gained two new states, Michigan and West Virginia.....I have recently moved, believe it or not to the house right across the street. Once again I lucked out with even better antenna privileges with a very sympathetic landlord. Day one of my new antenna farm yielded WQNA/107.7 NY and WRCH/100.5 CT. Surprisingly, these two signals are audible here almost 70% of the time. Considering that WQNA/107.9 (the famous "Gee 108") is only 20 miles away, WQNA is truly one of my better achievements plus the fact there were less than favorable conditions at the time. Well this is for another edition. Hope everyone had a wonderful holiday season. Not to be political, but.....whether or not you agree with the war in the Persian Gulf please remember our servicemen as they perform their duty for our country in Operation Desert Storm. Let's hope for a lasting peace on all sides in 1991. Until next time. 73!!!! Pete

MIKE CHERRY - BOX 631 - GANGES, BRITISH COLUMBIA V0S 1E0 (604) 537-5201

Equipment: see previous VUDs @ - mobile, Toyota FM stereo receiver

## DECEMBER 1990 DX

## 8 Aurora

2229 CBX 90.9 AB Edmonton, stereo service, 544

## 12 MS

0012 KYCS 95.1 WY Rock Springs, at all Southern Wyoming Suba... (ru)

## 13 MS

2048 KCMX 101.9 OR Ashland, (over CFUV) "ner at KCM..."

2155 KEMI 96.3 CA Bureka, "showers and an overnight low of 45 to 50 at Bureka's Lite"

## 14 MS

0614 KQJR 90.7 ID Twin Falls, "...not of Jerome Co Churches are presenting their annual performance of Handel's Me." prev Tr

This has been one of my best winters for FM DX via MS. There has been a little Es this winter, but MUF's never reached 80 Mhz. Numerous unID'd using the Geminids and Quadantids. The next major showers will be the Lyrids in April. Postal rates have gone up to 50 cents here in Canada, with sales tax being charged on stamps! I hope no club members will be offended if I cut down on my correspondence to individual members because of this. The "Fid Atlas" is indispensable when it comes to ID'ing stations during broadcast meteor scatter bursts. 2 stations above would't have been ID'd without this info. Good DX!...73!!!! Mike

MIKE BUGAJ - 69 SHERMAN ROAD - ENFIELD, CONNECTICUT 06082

## OCTOBER 1990 DX

## 2 Tr

2040 WJAR 93.3 CT Danbury, 63 watts relaying a SW Portuguese broadcast (sounds like they held a mike next to a SW radio speaker). Then into Family Radio at 2300. A week station on a rough frequency.

## 30 GW

1853 WBRQ 99.7 MA Springfield, PIRATE with k or bluegrass and Mutual News. Sounds professional

## REPORT TO THE VUD

## REPORT TO THE VUD

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## NOVEMBER 1990 DX

## 21 Tr

1947 W202?? 88.3 NY West Hurley, Translator of WFME with WFME/WFRS ID. This was mixed in with WRON 88.3 PA which is also g

## 23 GW

1016 WRNX 100.9 MA Amherst, new station. Still can null them to get WKLI 100.9 Albany.

## DECEMBER 1990 DX

## 13th-14th

Lots of MS bursts on 92.9 and 99.7. Heard WAPW (Power 99) ID and Z-93 (92.9) from Atlanta.

## 18 Tr

2135 WMYX 97.3 NY Schoharie, k, "My Country"

This report will make me up to date through the end of 1990. I have just noticed that CKUE 101.1 has changed over to country music (Yep, but calls are CHEO-gc). Also that WSHQ 103.5 (and 98.3) "Show FM" have switched to solid gold oldies. W6Y-FM is also oldies. Can the market take two oldies stations?? Seems like the hottest formats right now are country and oldies. It will be interesting to see which way radio goes in the 90s. Happy New Year to all!! Mike

ETV-DX Editor Bill Nienajdy of Clifton, New Jersey is kind enough to write to give us an update on what DX he has had recently. He was able to summarize January 1991 DX activity very quickly: "ZILCHI NOTHING! NADAI". Well, hope your DX fortunes have changed for the better by the time we read this, Bill. Bill also mentions working on more modifications that can be done to certain tuners, specifically: changing the digital step and

GREG CONIGLIO - 5100 GLENWOOD DRIVE - WILLIAMSVILLE, NY 14221

Equipment: Pioneer TX-9100 tuner (mod w/4150 filter), Archer 0-10-20 db FM only amp, Archerrotor and CAC-11 coaxial cable also used.

## DECEMBER 1990 DX

## 14 Tr

2325 CKWR 98.7 ON Kitchener, rap/s show Heard before but never ID'd.

## 17 Tr

1016 WCIK 103.1 NY Bath, g/s // 88.5, 89.1, etc. One of my closest unheards until now. Very tough cause of CFMX-FM, even though CFMX is 100 miles away, but its 115,000 watts

## 31 Tr (local WHIT-104.1 of)

1439 WIOF 104.1 CT Waterbury, Magic 104  
 1450 WNNK 104.1 PA Harrisburg, Wink 104  
 +unneeded WAEB, CKTF, WQAL, WXTR, WVGR

## 22 Tr

1526 WJFK 106.7 VA Manassas, calls heard

## JANUARY 1991 DX

## 9 MS

1217 WDEF 92.3 TN Chattanooga, "here this weekend at the U.T.C. Arena" 652

## 10 Tr

2313 WXRK 92.3 NY New York, The Classic Rock Station 92.3 K-Rock. Trying for MS. 278

## 11 Tr

2351 WLGL 92.3 PA Riverside, ment of WYGL (100.5) then apparently signed off. Both this and WXRK were heard in the "wrong" direction: ENE plus WCOL-FM Columbus, Ohio was in ENE. Have anything to do with antenna iding? 172

## 17 Tr

73, Greg

Not too much DX since the November tropo openings. There was some brief FM E-skip on December 26, to the Canadian Maritimes. I hear there was some good tropo on February 8/9 that I missed. I hope other got in on this and look forward to hearing from reporters on this opening.

STATION NEWS: WLRS 102.3 in Louisville, Kentucky is now "Mix 102"...In the Houston area, 106.9 is now KJZS: jazz. KGLF 103.3 takes on the KJOJ calls...WEYE 104.3 Surgoinsville, Tenn. is on with oldies, WJDT 106.5 Rogersville, Tenn. is also on, with country. In Texas, KQXY 94.1 is using "94-Q" as a slogan. 96.5 in Hamilton, Ohio is now Z-rock. Thanks to George Greene and Matt Stittel for some of this info.

Things to do today  
 Shovel the driveway  
 Clean out the basement  
 Fix the car  
 SEND IN A REPORT!!!!

# SOUTHERN FM DX

Danny Runtin  
1312 N. Skyline  
Stillwater, OK 74075

March 1991

DEADLINE: 14th

SOUTHERN FM DX IS FOR REPORTERS FROM: AL, AR, AZ, CA, CO, DE, FL, GA, HI, KS, KY, LA, MD, MO, MS, NC, NM, NV, OK, SC, TN, TX, UT AND ALSO DC. Happy DXing!

Some reporters continued to have some luck with the tropo and meteor scatter going into the new year. Farthest tropo ranges out to around 500 miles this month. On 2/11 there was a rather brief encounter with off season skip. It won't be long now. The new DX season for 1991 is just around the corner and will be time to start checking DX conditions more regularly.

Matt Sittel, P. O. Box 21347, 303J Wood Hall, NCSU, Raleigh, NC 27607 (919) 633-1153  
Equip.: Yamaha TX-9000 tuner w/modified filters, Archer 6-bay FM antenna, rabbit ears, Archer FM signal amplifier.

-DX heard in Kingsport, TN 12/18/90 - 1/8/91.

The above equipment except 6-bay were used.

12/19 GW, tr					
1505 WJDT 106.5 TN Rogersville, k\$	31	1902 WAHR 99.1 AL Huntsville	268		
1514 WGNL 102.7 NC Wilmington, calls	299	1/2 tr			
1534 WHLZ 92.5 SC Manning, "Wheels"	246	1038 WQLT 107.3 AL Florence, "Q107"	311		
1554 WTCB 106.7 SC Orangeburg, ID	224	1044 WXXM 102.7 FL Milton, in for 4 hours!	479		
1830 WVEJ 93.3 GA Manchester, "The Joy FM" 274		1105 WXTX 98.1 AL Fayette, k	356		
1843 WABE 90.1 GA Atlanta	216	1106 WBJK 105.1 MS Kosciusko, "K105", k, ID	463		
1849 WTUA 105.9 SC St. Stephen, "Power 106" 256		1111 WPCA 107.9 MS Ackerman, g, area ad	434		
1856 WVRK 102.9 GA Columbus, r, calls, in \$ 313		1125 WALV 95.3 TN Cleveland, calls	168		
1901 unID 88.5, 89.1. Empty carrier on 89.1,		1126 WSTX 97.9 TN Nashville	246		
strange music on 88.5, Acted like Es.		1134 WCVQ 107.9 KY Fort Campbell	276		
1909 WGPC 104.5 GA Albany, poor audio, b	347	1200 WVEF 89.1 VA Roanoke, strongest ever	158		
1945 WCGQ 107.3 GA Columbus, "1070", r\$	313	1206 WBLH 91.3 AL Florence, b, ads!\$, \$	311		
1956 WHMA 100.5 AL Anniston, "Alabama 100"	264	1208 WQSB 105.1 AL Albertville, calls	256		
2015 WBYZ 94.5 GA Baxley, "Z 94", k	322	1303 WUTC 88.1 TN Chattanooga, ID, j	186		
2038 WYBB 98.1 SC Folly Beach, "98 Rock"	298	1329 WJTG 91.3 GA Fort Valley, "Joy 91"	279		
2047 WPEZ 107.9 GA Macon, \$	257	1357 WQWV 107.3 FL Pensacola, "Wow 107", k	496		
2054 WRHJ 92.1 SC Parris Island, area ad	297	1417 WWSF 98.1 AL Andalusia, "98 Surf FM"	420		
2059 WJTG 91.3 GA Fort Valley, "Joy 91"	279	1436 WKDF 103.5 TN Nashville	246		
2113 WXTV 102.5 SC Charleston, over WMYI!!	290	1831 WKMX 106.7 AL Enterprise, "Max 106.7"	402		
2125 WAYS 99.1 GA Macon, "99-Ways", finally 257		1901 WLRH 89.3 AL Huntsville, ID	268		
2141 WPER 92.1 GA Louisville, local ad	237	1942 WBYZ 94.5 GA Baxley, "Z 94"	322		
2153 unID 94.1 "Power 94", r. WFSM?		1949 WXXM in briefly again...			
2212 WSSX 95.1 SC Charleston, "95-SX"	290	2131 WNGN 102.7 NC Murphy	125		
2221 WKMX 106.7 AL Enterprise, calls, r	402	1/3 tr			
12/20 tr		1258 WGNL 102.7 NC Wilmington, local ad	299		
0859 WRVL 88.3 VA Lynchburg, ID, g	197	1/4 tr			
12/26 tr		0532 WKKQ 103.5 KY Whitesburg, "K 104", k	53		
0927 WNGN 102.7 NC Murphy, ra	125	1/5 tr			
12/30 tr		2043 WGNL 102.7 NC Wilmington, "103 GNI"	299		
0000 WSTX 97.9 TN Nashville, k	246				
1035 WOLD 102.5 VA Marion, calls	63				
2155 WCGQ 107.3 GA Columbus, calls	313				
12/31 tr					
0950 WAVF 96.1 SC Hanahan, "96 Wave"	280				
2047 WQLT 107.3 AL Florence, calls, \$	311				
2059 WFKS 102.3 TN Soddy-Daisy, "Fox 102"	170				
2231 WKQD 93.3 TN Tullahoma, "Power 93", rp220					
2234 WBYZ 94.5 GA Baxley, in \$ for 4 hrs!	322				
2237 WHPX 103.3 GA Waycross, "Fox 103"	360				
2249 WBCA 102.5 GA Waycross, calls, k	360				
2259 WBDX 102.7 GA Trenton	199				
2314 WGOO 98.3 GA Jesup, "Coast 98.3"	336				
2333 WYQQ 102.9 TN Shelbyville, k	230				
2351 WKXJ 97.3 TN South Pittsburg, "97Kix" 204					
1/1/91 tr					
...great tropo ring in the new year!					
0010 WDMG 99.5 GA Douglas, "Magic 99", --	341				
0035 WCVQ 107.9 KY Fort Campbell, "Q 108"	276				
0056 WBYR 101.1 KY Russellville	243				
0112 WGLF 104.1 FL Tallahassee, "Gulf 104"	426				
0119 WKDF 103.3 TN Nashville, "103 KDF"	246				
0150 unID 105.1 "Z105", set, oldies					
0159 WBLN 93.7 KY Murray, ID	323				

And I accidentally forgot the best logging of all, from 1/2/91:

1121 WAZF 93.7 MS Yazoo City, calls 514

The tropo that I heard over the holidays in Kingsport was definitely the best stretch of tropo DX I've ever heard! The opening on 1/2 is 2nd only to the great Thanksgiving '86 DX in strength of signals from so far away. I finally heard my most-wanted state, Mississippi, which has eluded me for years. WAZF is my furthest tropo ever from Kingsport, and is the furthest FM tropo I've ever DX'ed from any location! All of this using mostly just the rabbit ears and the amplifier!

I guess this made up for the November tropo I must have missed, because I didn't bring my tuner home over Thanksgiving!

Not much to report from Raleigh as of yet. My new room is 2 floors below my old location, so there could very well be some loss of DX. Hopefully not, though!

Best of DX to all and 73's, Matt.

## SOUTHERN FM DX

MARCH 1991

John M. Jefferson, 4104 Spyglass Court, Antioch, CA 94509-6051

Well, 1990 ended a bit better than it started. A few items from here plus a visit to my brother's in Alexandria to report on. All Antioch loggings were done with the main system - MR80 & Channelmaster 8/probe-9 at 35'. @ indicates new to Antioch; # indicates the Blaupunkt car radio, in Castro Valley - a new logging, but non-counting as it's outside of the Diablo Region. The site was my Dad's driveway, & couldn't get the station on his JVC receiver with a 5-element FM yagi aimed right at it. Too much overload from KOME 98.5 & KRQR 97.3, apparently.

TIME	CALLS	FREQ	BT	CITY	DIST	REMARKS
10/23/90	GW					
1649	KIID	100.7	CA	San Rafael	36	From 100.9
11/4/90	MR					
0430	KVXQ	103.9	WA	Spokane	585	KAAK (primary)
0319	KSWQ	105.5	??			Tent calls
11/25/90	IR					
0602	K220CQ	91.9	CA	S. Lake Tahoe	120	// KNIB;
						KLVR off
11/28/90	IR					
0201	KAVC	105.5	CA	Rosamond	295	Calls
12/1/90	MS					
0147	KCLK	94.1	WA	Clarkston	635	Calls
	IR					
1114	KKMR	100.9	NV	Sparks	150	Calls; KSGO off
12/2/90	MS					
0412	CIBN	103.9	AT	Edmonton	1155	Red Deer;
						Kissin'
12/3/90	MS					
0006	KIIE	107.1	CA	Bakersfield	230	Calls
12/13/90	MS					
1044	CKIK	107.3	AT	Calgary	1005	107 Kick FM
1104	KSLT	107.3	SD	Spearfish	1000	Calls
12/14/90	MS					
0700	KUGN	97.9	OR	Eugene	430	Calls
0715	KCCY	97.9	CO	Pueblo	930	"
	IR					
2300	KWHQ	100.9	CA	Weed	225	ID; KSGO off
	SL					
2306	K265CQ	100.9	CA	Fremont	40	// 91.9
1/6/91	SL					
2100	KSGO	96.1	CA	Morgan Hill	50	ID (new)
1/8/91	IR					
1013	KLCX	104.7	OR	Florence	440	Calls; KSNM off

Never thought I'd hear KWHQ here. To begin with, they had been off for years, and their -350' sat didn't sound promising. Turns out they've been back for over a year with an all-new facility. They now have 100 watts 1440' sat (over 5000' anal). They're coisted with K257CA Mt. Shasta, which I heard in April '89.

Very kind of KSGO Tracy to die 12/1 (not to mention 12/14!). Eric Sundius was over to test his modified receiver against the MR80. So both of us listened for KROI Sparks for about 45 minutes. Finally got 3 KKMR calls in rapid succession without the city, & called Sparks information to confirm the call change. Gone is the new app format, replaced with garbush.

Didn't catch much in Alexandria. My brother's Kenwood was a fair receiver in '87, but these days it can't get the DC stations 5 miles away in decent stereo. I think there's a broken wire in the antenna input. Did log 73 stations with my Sony ICF-2001. Those who are familiar with the 2001 will probably agree that's a pretty good 1-week (winter) catch for such junk. Best was WMYK 93.7 Elizabeth City NC at 180 miles (heard at 93.5 as WKYS 93.9 DC totally swallowed 93.5 as well as 93.7). Wish there were a way to get the MR80 back there for some serious logging!

Doug Allen, W2CRS, P. O. Box 5646 Woodland Park, CO 80866

Equip.: Pioneer TX 9800 (IF modified) &amp; stacked Stereo Probe 9's at 25'.

1/3 ms  
0000 KABL 98.1 CA San Francisco, ID  
0227 WOLR 106.5 MI Kalamazoo, "Lite 106.5"  
WOLR, possible new freq. DX record! 1049  
0231 WLJY 106.5 WI Marshfield, local  
Marshfield ads  
0719 KMFY 96.9 MI Grand Rapids, ID  
0730 KQKL 106.5 LA New Roads, "music  
station Q-106"

1/3 ms  
1152 ? 97.7 ? "Midway 97-0"  
1200 ? 97.7 "laser sound W222..Wooster  
Braun"  
1205 KLGR 97.7 MN Redwood Falls, local wx  
1/21 tr & ms  
0910 KDLY 97.5 WY Lander, most wanted occ.  
over KBCO slop  
0912 KHTY 97.5 CA Santa Barbara, "Y95"

Except for the Quadrantids shower, I did little FM DXing, but a lot of ham DXing on 40, 80, and 160 with a Hytower put up just before Thanksgiving. Occasional enhancement noticed out to 100 miles, and the Wichita and Enid regulars came through as usual. For the first time, I taped some ms January 3rd while running ms on two meters. The "Midway 97-0" occurred as I was working a Green Bay station on a good burst. Unfortunately, my two meter signal interferes with the FM, so I have some garbled stuff on the tape during many bursts.

Welcome to new member, Connecticut FM and TV DXer Ed Hanlon, who may have come up with a better FM antenna than the Probe 9 standard. He's taken two Antennacraft 10's and made one long boom Antennacraft 13 out of them. He's had one up for 10 days and reports superior gain and directivity compared to his old FM 10. (Good, we could use an alternative to that costly wind catching \$445 Smith Aerial, now. DB) He'll have a second one up soon. Since I would love to have an antenna with the Probe's gain (or better) and with the good front-to-back of the Antennacraft 10, I'm eagerly awaiting your report to WUD, Ed! I solicited information and comments on meteor scatter DXing from several prominent DXers who use the mode a lot. Thanks for your replies which will be incorporated into an article next month. Would love to hear from others about ms DXing on FM or TV. 73.

Keith D. Pugh, 227 Martin St., New Hope, AL 35760

Equip.: McIntosh MR-78, Probe 9

1/10 tr  
1401 WSCZ 96.7 SC Greenwood, k, ID  
2/1 Es  
1916 unID 90.5 g., west  
1925 KZDR 94.1 NM Hobbs, ID  
1927 KTXK 88.1 TX Lubbock, rp  
1942 KTKM 99.9 NM Clovis, Magic 99  
1946 KQIZ 93.1 TX Amarillo, r, Z-93  
1948 KZCV 89.9 TX Amarillo, pr

2/1 Es  
1950 unID 103.3 SS, KY Fried Chick.ad  
1954 KLYT 88.3 NM Albuquerque  
2012 KFLQ 91.5 NM Albuquerque  
2014 KRAC 98.1 NM Las Vegas, ment xtr  
on something "5" in Alb. NM

2/4 tr  
1800 WLNE 96.1 AL Montgomery, b. S

Christopher S. Dunne, 21500 Johnson St., Box 533, Pembroke Pines, FL 33029

Equip.: GE Superadio II mod w/ 150kHz filter/whip antenna/Radio Shack 6-element antenna.

1/18 tr  
1200 Q.M. 104.5 BAHAMAS Nassau,  
"1-ob-4-5" 235

1/20 tr  
2059 WPGSt 89.5 FL Pensacola,  
ment. "8 o'clock" (CST) 500  
2159 WME 93.7 FL Ocala, ID 230

"Thank, Matt Sittel! I have a foreign FM right under my proboscis & didn't even know it! Matt mentioned hearing the Bahamas @ 104.5 & I thought it should've been Jamaica instead. Sure enough @ 12 noon (11) I heard mention of Bahamas & local ads when they weren't relaying CNN Gulf War news. I called ZNS Nassau & spoke to Charles who explained that this station is a.k.a. "Radio New Providence" and that it runs "about 10,000 watts". This is Country #9 for me! Thank again Matt...

Quickly, some FL FM news. 94.3 Marathon now WGMX, still b. WGF 92.7 now b. (Maroo is near Naples; 2 FM's in same market with b format?!) 99.3 Ft. Myers Beach now op, I dunno if calls have changed. WEEJ 100.1 called "Coast" - that sounds familiar! WKLG 102.1 has been OFF the air for days now. Don't know why. Dr. Elving should have the other particulars.... (o.u. = Call Unknown.)

73s in '91,

SPN's editor's comments: It will be interesting if some body ever tries out the Galaxy 23 Smith Aerial. I don't want it since I'm afraid the massive thing would blow down in the event of a windier than usual Oklahoma thunderstorm. Main Audio offers a smaller very similar Smith model for \$195. It's specs still well outdo the Probe 9 though the beamwidth is little better.....Local KOSU has yet to move to it's new tower as of Feb. 15.....Hope everyone is preparing for the new DXing season, if not ready, ready for it. 73.

\*\*\*\*\*

## WESTERN TV-DX

Fred McCormack  
Box 17860  
St. Paul MN 55117-7860

Deadline: 04-11-91  
Cut-off: 01-01-91

March 1989

CLARIFICATION - Mike Reid has advised me that he was misquoted in the December 1990 column. According to Mike, he did not say that W98P was the only WSKG translator on channel 69. What he said was that he believed the W7IAI group in New York was gone and that W7IAI itself is gone.

New \_\_\_\_\_ New Mode \_\_\_\_\_ Tent. - t Unidentified - unid S/On - + S/off - =  
ID Color Bars - @ Unid Color Bars - % Misc. Test Patterns - &  
Parallel Programming - // MTS Stereo - 9

BN Baja California Norte

Jeff Kruszka, 2824-E Steamship Circle, Harahan LA 70123

CST

## Equipment:

Sylvania 12" black and white, quad loop cut for channel 2, Radio Shack U-75 corner yagi. Mitsubishi HS-U31 VCR.

November 1990  
25 tr 0913 WCOV 20 AL 283 2200 KETG 9 AR 322 0029 WPTY 24 TN 363  
0931 WDBB 17 AL 294 2202 WJQT 41 AL (New state)  
unid channel 17 2224 KXLW 45 TX 319 0030 WDBB 17 AL 294  
(See Note # 1) 2228 unid 49 Spanish 0046 unid 46 religion  
unid channel 52 0602 OKLR 18 AR 361  
January 1991 2339 KBYD 42 TX 454 0626 KLTJ 18 LA 170  
1 tr 1845 KTHV 11 AR 361 2 tr 0016 AXAT 36 TX 0700 WJSP 28 GA 380

From Elyria OH (EST)

Equipment: Panasonic CTF-1011 10 1/2" color TV, rabbit ears

December 1990  
26 Es 1452 unid 2, 4, 6 CTV 26 Es 1500 CJCST 4 NS 26 Es 1541 unid ch 2 French  
(Channel 4 // 8) 1534 WLBZ 2 ME 685 1800 KEND 2 MB 1060 (w/"Smurfs")  
1900 KGFE 2 NO 870

Note # 1 - Saw what looked like "2-WLTW" on bottom of screen - doesn't make much sense, though.

Saw a nice E skip opening to the Maritimes while I was at my parent's house, and a great tropo opening to start off the new year (I only wish it would have come one day sooner!). Needless to say, I was pretty tired my first day back at work the following day. The Tourist Channel is operating on channel 55 here, with calls K55EX. They have a pretty good signal now to Harahan. Happy New Year to all.

Pat Dyer, 5315 Silvertip Drive, San Antonio TX 78228-2744

CST

## Equipment:

1980 model 9" J.C. Penney b&w (with VHF/UHF tuner from 1976 unit), sometimes RCA 13" (1987) color model EMR350E for UHF. Archer V-100 and 8-bay bow-tie UHF array at 20 feet with rotor.

November 1990  
1 tr 0128 KPLC 7 LA 340 23 tr 0935 KPLC 7 LA 340 22 Es 1827 WCIA 3 IL 930  
0159 KFDW 8 TX 280 December 1990 1830 KGAN 2 IA 960  
Es 1201 WBAY 2 WI 1185 6 Es 2229 KVBC 3 NV 1050 1829 WFWY 2 NC 1175  
1209 KGAN 2 IA 960 9 tr 2359 K33CK 33 TX 15 1952 WSB 2 GA 885  
(San Antonio LPTV)

A really poor winter E skip season in these parts. The morning of December 9th the 9" black & white developed power supply problems, and a Wards 12" black & white model GEN11235 (1984 vintage), with much poorer selectivity, has since been in use. 73, Pat, W451YX

John Jefferson, 4104 Spyglass Ct., Antioch CA 94509 (415-778-8727)

PST

**Equipment:**

Hitachi CT-932 fed by a Channel Master UHF Quantum 4257 @ 35' and a Channel Master VHF/FM Quantum 1110 @ 32' on the same mast. Separate downloads with a Channel Master booster on the UHF. Panasonic VCR.

**November 1990**

15 tr 2128 K15CX 15 CA 130 Chico KRCR ID

**December 1990**

3 gw 2013 K52CK 52 CA 28 Stockton Calls; TP

KBCP-30 Paradise took to the air in late October testing, and has been running Home Shopping Club since November. Channel 30 had to be the worst possible channel for me (other than the Sacramento channels, which FCC spacing rules preclude using), right between KCMY-29 and KRBK-31, as well as cochannel with KFSN-30 Fresno. Paralleling KCMY certainly doesn't make them easier to spot! For those reasons, K15CX is far easier to pick out than coited KBCP. K52CK is a new local (sigh), still running their test pattern over a month later. At least the calls are big and readable, though no hint of city. Maybe they'll fold without ever finding something to broadcast, as K61DW Sacramento appears to have done.

William Eckberg, 1032 Sterling Road, Dixon IL 61021

GST

**Equipment:** February 1991 Western TV-DX**December 1990**

31 tr 2210 KPOW 24 AR 513	0325 WXMT 30 TN 408	0508 WHNT 19 AL 503	1 tr 0300 WAAY 31 AL 503	1 tr 0505 WZDX 54 AL 503
2215 KHOG 29 AR 463	0410 WWSB 27 MS 558	0600 WAFF 48 AL 503		
1 tr 0205 WTTT 21 AL 582	0455 WBBK 13 KY 359	13 tr 0315 KSNF 16 MO 413		

Had tropo on New Years Eve to nearly 600 miles. Finally logged Bowling Green channel 13 at 359 miles. They run color bars and ID from 0455-0500. Five closer channel 13 stations were absent. 550 mile lower powered Asheville channel 13 has been seen many times at nearly the same heading. They run test pattern and ID earlier from 0415-0430.

Dennis Park Smith, 3703 Dixon Street, Santa Barbara CA 93105-2419

First, an update on Wasco observations: On a weekend there on 29-30 December 1990, K66CQ O'Neill's (HSC for Fresno area) was noted using "KHST TV-66" ID, quite frequently. If it's used this ID before, it is first time I've run across it. It still IDs real call in Morse Code.

Santa Barbara is somewhat limited by geography, particularly along north side with a 3000 foot wall over our heads, the Santa Ynez Mountains of the coastal ranges, but ocean from west through south to southeast.

Santa Barbara DX efforts are kind of hit and miss as we don't have outdoor antenna yet. Indoor antennas are rabbit ears and bowtie. Locals include Santa Barbara's KEYT 3 (15 miles), K24AO (for KEYT 3), K59CD (KSBY 6 San Luis Obispo), K61AI (KCET 28 Los Angeles), K85BP (FamilyNet) (all approximately 3 miles), and nearby west Santa Barbara/Goleta K55AP (KCET 28) (15 miles). Only KEYT 3 has enough punch to be snow free indoors; others can be very good but are snow free only if TV is taken outside on extension cord.

All Los Angeles Vs and Us are practically nonexistent on indoor antennas at street level; there can be a little more signal in a second story indoor level from extra height and less ground absorption, but still quite weak over irregular terrain at 95 miles: KCBS 2, KNBC 4, KTLA 5, KABC 7, KCAL 9, KTTV 11, KCOF 13, KWHY 22, KCET 28, KMEX 34, KTSN 40, KHSC 46, KVEA 52, KLCB 58. These are good with three and four bay conicals and similar all channel fringe antennas, with some variation in different parts of town.

Also in, but always weak, is K53AT Buellton (KTSN 40) (15 miles); I think transmitter is with K55AP, but is directional the other way. And, KADY 63 Oxnard (35 miles) is fair, but not watchable on present set-up; it is probably good outdoors.

Then there is San Diego/Tijuana, a virtually all-water path which, along with air inversion layers, allows fairly strong signals quite often. (Even 5 KW San Diego AM radio is consistently stronger than 50 KW Los Angeles at half the distance.) With indoor antennas, they can be not quite snow free, but it wouldn't take much of an outdoor antenna. KFMB 8, KGTV 10, (175 miles), KPBS 15 KNSD 39 KUSI 51 KTTY 69 (185 miles), and KETV 6, XEWT 12 Tijuana (200 miles); somewhat weaker on average (but stronger audio)

Dennis Park Smith (continued) are XHAS 33, XHBJ 45 Tijuana (200 miles). Also in occasionally is CCI on local 59, probably from K59AL (for KPBS 15) University of California-Diego/Torrey Pines (170 miles).

The Juke Box Network hit this area on 1 December 1990 with K15DB Santa Barbara. Although legally distant enough from other channel 15s, they couldn't have picked a worse channel because of propagation. KPBS 15 San Diego comes in often and strong enough that the CCI can be tremendous. K15DB had a good signal strength, at approximately 3 miles. I say "had" because, around 16 January 1991, it went off the air and hasn't been back on. See Television News column for interesting details.

Next time, a look at my new Realistic battery LCD TV receiver. Best of DX.

Mike Cherry, Box 631, Ganges BC V0S-1E0 (604-537-5201)

PST

**Equipment:**

Kenwood RZ-1 receiver, channel 6 crystal trap. Hitachi 5" black & white monitor, Sony Beta Hi-Fi MTS VCR. Antennas: VHF - Lindsey CC-30 22 element log-periodic with Dalcio EID-35V 28 dB mast-mount preamplifier @ 38 feet with "ARM-strong" rotor. UHF - Radio Shack 4 bay with 15-1108 adjustable mast-mount preamplifier @ 57 feet asl/agl. Archer 15-578 variable signal attenuator.

**December 1990**

8 F2 1712 NZTV 45.240 MHz	21 Es 1000 KLINE 3 NE 1311	10 tr 2340 KTHW 31 WA 279
11 F2 1650 NZTV 45.240 MHz	31 Es 2000 KNOP 2 NE 1224	2357 KEPR 19 WA 275
1723 TVQ 45.170 MHz	4 ms 0300 CFAC 2 AB 438	(Local) CBC 19,31
1732 unid 46.25 MHz	9 tr 0611 KNMT 24 OR 234	off air
13 Es 1100 KNTV 3 NE 1428	0631 KUTF 32 OR 335	11 tr 2120 K38BO 36 WA 70
1159 KTVS 3 CO 1150	0657 KPOX 49 WA 232	(Deming KOMO- 4)
1200 KWGN 2 CO 1098	(Local LPTV ch49	(Snow free)
(Over CBUT-2)	off for 3 days)	2134 CBUT28 25 BC 94
1930 KSNW 3 KS 1502	10 tr 2329 KPOX 49 WA 232	(Very rare)
ms 2127 KDLO 3 SD 1245	2334 Yakima & Tri-	12 F2 1544 45.240 weak
14 ms 0700 KTVU 2 CA 169	Cities 25,42,35,	16 tr 2200+ Yakima & Tri-
0833 KOTI 2 OR 476	and 47 - weak	Cities UHF's
		17 Es 0700 KTVS 3 CO 1150
		unids chs 3 & 4

F2 noted also on January 10th and 11th, but high MUFs and long-haul conditions weren't possible. Video sync buzz only on all F2 loggings.

Channel 2 meteor scatter loggings are thanks to the recent cutbacks at the CBC - local CBUT doesn't sign-on until 0900 local. Even the colour bars don't show up until about 0845.

Winter E skip was better on TV than last year. Congrats to all members who have been logging this mode at Halloween and other abnormal times! E skip never hit FM - it's been since winter 1987.

Postal rates in Canada have gone up to 48¢ + 4¢ sales tax to the US (was 45¢). Because of this, I will be drastically cutting back on personal correspondence to various WTFDA individuals. Sorry people.

My ham calls still haven't arrived. I am acquiring an ICOM 6 meter (50 MHz) rig and plan on building a video-demodulator for TV DX between 40-56 MHz. The ICOM will have much better sensitivity and selectivity than my Kenwood RZ-1 which will then be primarily used for E skip on VHF-lo and UHF TV. E skip this morning (January 17th) was a nice treat. 73's, Mike

Fred McCormack, 135 Prairiewood Drive, Fargo ND 58103

GST

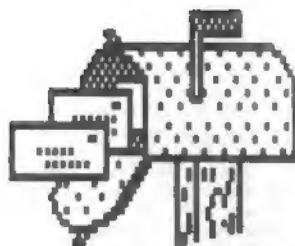
**Equipment:**

VHF: Binemoor 9" black & white, Winegard CS-4053; UHF: Teknika 6510 tuner, Winegard CH-9095, Blonder-Tongue CMA-Uc preamplifier; Alliance rotor.

**January 1991**

12 tr 1948 KDSM 17 IA 385	February 1991	2 tr 0110 K51DC 51 MN 50
1958 KRIN 32 IA 395	2 tr 0112 K31CH 31 MN 50	(Erhard LPTV)
2029 KYIN 24 IA 310	(Erhard LPTV)	0120 K41CS 41 MN 50
13 Es 0928 KDKA 2 PA 945	0118 K43CS 43 MN 50	(Erhard LPTV)
unid ch 3 NBC	(Erhard LPTV)	0121 K39CJ 39 MN 50
		(Erhard LPTV)

Probably not the best of news, finding five new 16 KW LPTV's operating only 48 miles from my antennas and in a prime DX direction! Just testing - programming unknown.



**YOUR COMMENTS  
AND CRITICISMS  
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...HELP US SERVE  
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## STATION BREAK

WTFDA  
P.O. Box 514  
Buffalo, NY 14205-0514

WTFDA member ads only. Items may be edited to conserve space.

FOR SALE - SANGEAN ATS-808 portable PLL LW/MW/SW/FM radio. Covers 150 to 29999 kHz. FM section: 87.5 to 108 MHz in 50 kHz steps, stereo through 'phones. 5\* overall value rating in '90 WATH (p. 568). Excellent condition, bought last February and used only occasionally. Cost \$230, sell for \$125 (I'll pay shipping).  
Ted S. Liszewski - 182 Farview Avenue - Paramus NJ 07652

WANTED - Back issues of YUD. All 1970 issues, January thru April '72, January 1976. Contact Mike Hollis at (904) 243-6026 or write:  
Michael Hollis - 40 Lakewood St. - Mary Esther FL 32569

FOR SALE - TV GUIDES, 1953-1991. Every issue available. Any article located. 60 page illustrated catalog \$3.00 (refundable).  
Jeff Kadet - Box 20-YUD - Macomb IL 61455

WTFDAers: YOUR ad can appear in the YUD free of charge! Got a piece of DX gear you'd like to sell? Looking for something? Advertise in STATION BREAK. This feature appears on a space available basis. WTFDA and the VHF-UHF DIGEST assume no responsibility for any claims made by advertisers--our trust is implicit, as fellow DXers.

## SPECIAL REPORT

TWO BRITISH COLUMBIA DXERS  
TAKE A "BANDSCAN" LOOK AT FM  
FROM MT. BRUCE, ON CANADA'S  
SPECTACULAR WEST COAST

MIKE CHERRY and DAVE SINCLAIR- Saturday, September 15, 1990  
LOCATION: Mt. Bruce, Salt Spring Island, British Columbia ELEVATION 2385' ASL  
PROPAGATION: very weak tropo on 300+ miles no local or semi-local enhancement  
EQUIPMENT: 1990 Toyota ETR FM Stereo with stock whip and Realistic #12-1875 10db amp

88.3 \$ KBVM OR Portland	95.5 \$ KXL OR Portland	103.5 \$ CHQM BC Vancouver
88.5 \$ KPLU WA Tacoma	95.7 \$ KLTU WA Seattle	103.7 \$ KBRD WA Tacoma
88.7 \$ K204** WA Bellingham	96.1 \$ KXXO WA Olympia	104.3 \$ KAFE WA Bellingham
(xltr KPLU)	96.5 \$ KXRX WA Seattle	104.5 \$ CBYT BC Campbell River
89.1 \$ KMHD OR Portland	96.9 \$ CKKS BC Vancouver	104.7 \$ KDUX WA Aberdeen
89.3 \$ KUGS WA Bellingham	97.1 \$ KKSX OR Portland	104.9 \$ CKSR BC Abbotsford
89.5 \$ KHNC WA Seattle	97.3 \$ KBSG WA Tacoma	105.1 \$ CBU-FM2 BC Sooke
89.9 \$ KBPS OR Portland	97.7 \$ CBUF BC Vancouver	105.3 \$ KCMS WA Edmonds
90.1 \$ KSVR WA Mt. Vernon	98.1 \$ KING WA Seattle	105.7 \$ CBU-FM BC Vancouver
90.3 \$ KCMU WA Seattle	98.5 \$ CFMS BC Victoria	106.1 \$ KRPM WA Tacoma
90.5 \$ K213BA WA Bellingham	98.9 \$ KEZX WA Seattle	106.3 \$ K292AL WA Everett
(xltr KUOW)	99.3 \$ CFOX BC Vancouver	(xltr KLTU)
90.9 \$ KVTI WA Clover Park	99.9 \$ KISW WA Seattle	106.5 \$ KLYN WA Lynden
91.3 \$ K217AY WA San Juan Is	100.3 \$ CKKQ BC Victoria	106.7 \$ KMKJ OR Lake Oswego
(xltr KPLU)	100.7 \$ KSEA WA Seattle	106.9 \$ KKNW WA Brewerton
91.7 \$ KTPS WA Tacoma	101.1 \$ CFMI BC New Westminster	107.1 \$ CISQ BC Squamich
92.1 \$ CBU-FM1 BC Victoria	101.5 \$ KPLZ WA Seattle	107.5 \$ CISC BC Sechart
92.5 \$ KLSY WA Bellevue	101.9 \$ CFUV BC Victoria	107.7 \$ KMGJ WA Seattle
92.9 \$ KISM WA Bellingham	102.1 \$ CBUF1 BC Chilliwack	Stations via tropo:
93.3 \$ KUBE WA Seattle	102.5 \$ KZOK WA Seattle	89.7 \$ KLCC OR Eugene
93.7 \$ CJJR BC Vancouver	102.7 \$ CFRO BC Vancouver	94.5 \$ KATS WA Yakima
94.1 \$ KMPS WA Seattle	102.9 \$ KMNT WA Centralia	91.1 \$ KPBX WA Spokane
94.3 \$ KKEE WA Long Beach	103.1 \$ K276AC WA Everett	107.3 \$ KFFM WA Yakima
94.9 \$ KUOW WA Seattle	(xltr KSEA)	all much weaker than normal
95.3 \$ KGHO WA Hoquiam	103.3 \$ KKCW OR Beaverton	no long range tropo

# ANNOUNCING

## THE ASSOCIATION TO PROMOTE 49 MHZ

The Association to Promote 49 MHZ has been formed to generate and continue interest in the no-license required 49 MHZ band covered by Part 15 of the FCC's Rules and Regulations.

This is one of the few sections of the radio spectrum in which one can operate without a FCC license, providing one follows rules regarding transmitter power, antenna, et al.

If you are interested in the 49 MHZ band, then you should join The Association to Promote 49 MHZ; formed in February 1991, its goals include:

- issuing unique W49 and K49 identifiers, resembling FCC call signs, to 49 MHZ operators;
- publishing a regular journal on all aspects of 49 MHZ band operation, listening and equipment;
- publishing a directory of active 49 MHZ operators;
- promoting operation and experimentation in the 49 MHZ band;
- combining efforts with a hobby electronics manufacturer to bring onto the market a quality 49 MHZ transceiver.

If any or all of this interests you, then please send \$10.00 to:

Michael Goetsch, Publisher  
The Association to Promote 49 MHZ  
P.O. Box 626  
Edgewater Branch  
Lakewood, OH 44107-0626

Initial membership dues include a 49 MHZ operator's identifier & certificate, the newsletter for a one-year period, and one edition of the 49 MHZ band operators' directory. All membership dues go towards operation of The Association. Also, all individuals are invited to contribute letters, articles and general information on 49 MHZ band experiences and interests.



### \*\*\* IRCA AM-FM ALMANAC, 5th Edition 1991 \*\*\*

The fifth edition of the IRCA AM-FM Almanac is now available! This 240 page book is a must have cross reference for the serious FM and AM DXer. Within it you will find the current frequency check list, affiliates for news and talk show networks, syndicated music and religious programs, AM-FM simulcasts, station slogans, broadcasting in Canada, AM stereo, sports networks, utility stations and many articles on broadcasting. In addition, Volume V contains a section focusing on AM band foreign DXing. Each list is in frequency order and many include the FM frequencies as well as the AM (great for FM DXers).

The IRCA AM-FM Almanac is available in large comb bound or loose leaf (please state preference when ordering). Prices are:

IRCA member: US - \$13.00 Canada - \$14.00 Overseas Sea Mail - \$14.00 Overseas Air-Mail - \$17.00  
non-members: US - \$15.00 Canada - \$16.00 Overseas Sea Mail - \$16.00 Overseas Air-Mail - \$19.00

The IRCA AM-FM Almanac is available from: IRCA, 11300 Magnolia #43, Riverside, CA 92505.